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AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the

application:

LISTING OF CLAIMS:

Claims 1-2 (canceled).

3. (currently amended): A corrosion resistant member comprising a base material

sprayed with a corrosion resistant glass sprayed coating which is a zirconia silicate glass

consisting essentially of containing at least one element selected from the group consisting of

elements of the group 3a of the periodic table of elements and which when expressed by an Si-

Zr-group 3a three-component triangular diagram, has a composition such that the atomic ratio of

the respective metal elements (Si:Zr:group 3a) falls within the range connecting respective points

of (70:25:5), (70:10:20), (50:20:30), (30:40:30), (30:50:20) and (45:50:5).

4. (currently amended): A corrosion resistant member comprising a base material

sprayed with a corrosion resistant glass sprayed coating which is a zirconia silicate glass

consisting essentially of eontaining at least one element selected from the group consisting of

elements of the group 2a of the periodic table of elements and which when expressed by an Si-

Zr-group 2a three-component triangular diagram, has a composition such that the atomic ratio of

the respective metal elements (Si:Zr:group 2a) falls within the range connecting-respective

points of (70:25:5), (45:25:30), (30:40:30), (30:50:20) and (50:45:5).

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5. (currently amended): A corrosion resistant member comprising a base material sprayed with a corrosion resistant glass sprayed coating which is an aluminosilicate glass consisting essentially of containing at least one element selected from the group consisting of elements of the group 3a of the periodic table of elements and which when expressed by an Si-Al-group 3a three-component triangular diagram, has a composition such that the atomic ratio of the respective metal elements (Si:Al:group 3a) falls within the range connecting respective points of (70:20:10), (50:20:30), (30:40:30), (30:50:20), (45:50:5) and (70:25:5), wherein an interlayer of an SiO₂-containing glass sprayed coating is provided between the base material and the corrosion resistant glass sprayed coating.

- 6. (previously presented): The corrosion resistant member as claimed in claim 5, wherein an interface between the base material and the corrosion resistant glass sprayed coating, or any one of interfaces among the base material, the interlayer of an SiO₂-containing glass sprayed coating and the corrosion resistant glass sprayed coating forms a molten layer resulting from mutual melting each other.
- 7. (currently amended): A corrosion resistant member comprising a base material sprayed with a corrosion resistant glass sprayed coating which is an aluminosilicate glass consisting essentially of eontaining at least one element selected from the group consisting of elements of the group 3a of the periodic table of elements and which when expressed by an Si-Al-group 3a three-component triangular diagram, has a composition such that the atomic ratio of the respective metal elements (Si:Al:group 3a) falls within the range connecting respective points

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of (70:20:10), (50:20:30), (30:40:30), (30:50:20), (45:50:5) and (70:25:5), wherein the corrosion resistant glass sprayed coating has a surface roughness Ra of from 0.01 to 5 μ m.

Claims 8-10 (canceled).

- 11. (currently amended): A corrosion resistant member comprising a base material sprayed with a corrosion resistant glass sprayed coating which is an aluminosilicate glass consisting essentially ofeontaining at least one element selected from the group consisting of elements of the group 3a of the periodic table of elements and which when expressed by an Si-Al-group 3a three-component triangular diagram, has a composition such that the atomic ratio of the respective metal elements (Si:Al:group 3a) falls within the range connecting respective points of (70:20:10), (50:20:30), (30:40:30), (30:50:20), (45:50:5) and (70:25:5), wherein a most superficial layer of the sprayed coating forms a spherical protruded layer in which the concentration of aluminum and elements of the group 3a is lower than that of an internal sprayed coating.
- 12. (previously presented): The corrosion resistant member as claimed in claim 3, wherein an interlayer of an SiO₂-containing glass sprayed coating is provided between the base material and the corrosion resistant glass sprayed coating.
- 13. (previously presented): The corrosion resistant member as claimed in claim 3, wherein an interface between the base material and the corrosion resistant glass sprayed coating, or any one of interfaces among the base material, the interlayer of an SiO₂-containing glass

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sprayed coating and the corrosion resistant glass sprayed coating forms a molten layer resulting from mutual melting each other.

14. (previously presented): The corrosion resistant member as claimed in claim 3, wherein the corrosion resistant glass sprayed coating has a surface roughness Ra of from 0.01 to 5 μm .

15. (previously presented): The corrosion resistant member according to claim 3, wherein a most superficial layer of the sprayed coating forms a spherical protruded layer in which the concentration of zirconium and elements of the group 3a is lower than that of an internal sprayed coating.

16. (previously presented): The corrosion resistant member as claimed in claim 4, wherein an interlayer of an SiO₂-containing glass sprayed coating is provided between the base material and the corrosion resistant glass sprayed coating.

17. (previously presented): The corrosion resistant member as claimed in claim 4, wherein an interface between the base material and the corrosion resistant glass sprayed coating, or any one of interfaces among the base material, the interlayer of an SiO₂-containing glass sprayed coating and the corrosion resistant glass sprayed coating forms a molten layer resulting from mutual melting each other.

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18. (previously presented): The corrosion resistant member as claimed in claim 4, wherein the corrosion resistant glass sprayed coating has a surface roughness Ra of from 0.01 to

5 μm.

19. (previously presented): The corrosion resistant member according to claim 4,

wherein a most superficial layer of the sprayed coating forms a spherical protruded layer in

which the concentration of zirconium and elements of the group 2a is lower than that of an

internal sprayed coating.

Claims 20-21. (canceled).

22. (currently amended): A corrosion resistant member comprising a base material

sprayed with a corrosion resistant glass sprayed coating which is an aluminosilicate glass or

zirconia silicate glass consisting essentially ofcontaining at least one element selected from the

group consisting of the group 2a, group 3a and group 4a of the periodic table of elements,

wherein a most superficial layer of the sprayed coating forms a spherical protruded layer

in which the concentration of at least one of aluminum or zirconium and elements of the group

2a, group 3a and group 4a is lower than that of an internal sprayed coating.

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